

IN THE SPECIFICATION

Please amend the application as shown below.

Kindly change the paragraph starting at page 7, line 5 as follows:

b¹
According to the invention, the currents on conductors 17, 18 and 19 are swept through the tuning sections 18, 19, ~~21~~ such are swept so as to pass through different current combinations. The ratio between the two detector signals I1 and I2 is measured during said sweeps.

Kindly change the paragraph starting at page 8, line 28 as follows:

B2
When the ratio between the detector signals I1/I2 from the detectors [32,] 33, 34 lies within a predetermined range implying that the emitted light lies within one of a number of wavelengths given by the Fabry-Perot filter and said ratio I1/I2 lies within said range for a given reflector current in both sweep directions of the reflector current, the control combination for the tuning currents is stored in accordance with the invention.